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Roggeveld Wind Farm Project



Roggeveld is to date the wind farm with the lowest ever electricity tariff to have achieved financial close in South Africa, thanks to many years of design fine-tuning and related optimisations by G7 renewable energies.

Roggeveld signed its Power Purchase Agreement (PPA) on 4th April 2018 and shortly after, reached Financial Close on 13 April 2018.

3 years after being awarded Preferred Bidder, the Roggeveld Wind Farm project was the first to sign its PPA amongst the 27 bid window winners of the South African Government's Renewable Energy Independent Power Producer Procurement Programme (REIPPPP).

Developed by G7 and then taken over by Red Rocket, the 147 MW Roggeveld Wind Farm in the Karoo is currently operating as Southern Africa's most efficient wind farm.

Quick facts:

Nominal Capacity

147 MW

Technology	47 wind turbines 125m rotor diameter 100m hub height	Nordex Group AW125/3150 (3.15MW) AW125/3000 (3.00MW)
Annual Electricity Generation	613 GWh per year	
Equivalent household consumption	49 200	
Carbon Emission Reduction	23.800 tons of CO ₂ per year	
Equivalent full load hours	4 170	
Capacity Factor	47.6 %	
Commercial Operation Date	March 2022	

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